

AUTOMATIC BARACUDA VACUUM POOL CLEANER



INSTALLATION AND USER GUIDE



Please, carefully read the instruction

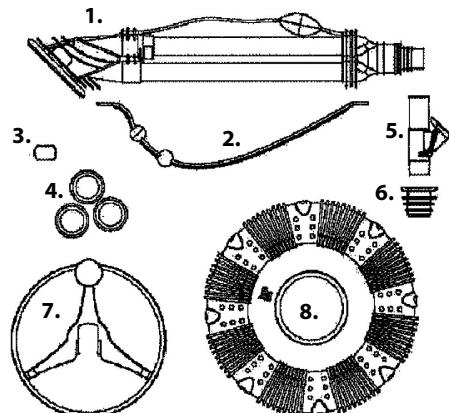
1. Mounting

Take the body of vacuum pool cleaner and its components out of the box and make sure that the packaging includes all components needed. See picture no.1

List of components:

1. Body of vacuum pool cleaner
2. Immersion controller
3. Ball rectifier and external ring
4. Hose weight
5. Automatic flow controller
6. 2" adapter
7. Deflector
8. Folded padding
9. 10 metres long hose
(not in the picture)

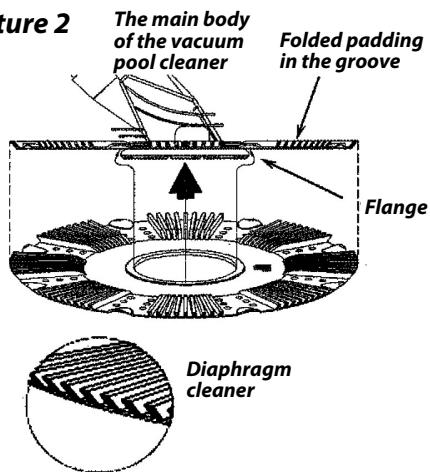
Picture 1



Step 1. Fitting of the padding

While fitting the padding, turn the word „UP” towards the body of the vacuum pool cleaner, put the padding over the disc (flat side towards the bottom of the pool) and stretch carefully until it locks into the groove on the other side, as figured in picture 2. **The padding must be put on flat side down**, up on the folded side. When it's put correctly, it turns loosely. **It is impossible to use the padding the other way round.** Elevated folds of the padding must point upwards. The flat side of the padding should be reversed down against the side of the pool.

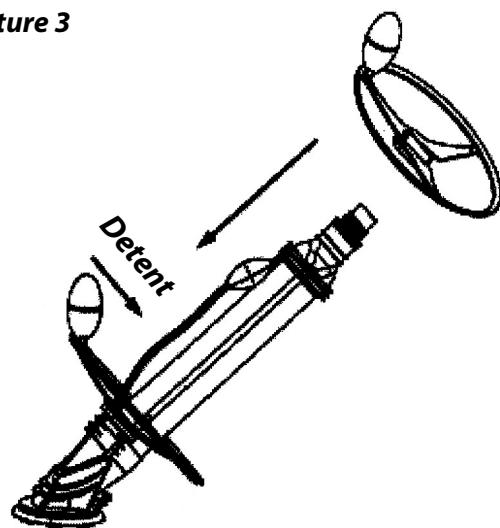
Picture 2



Step 1. Connect the deflector

Insert the bottom end of the segment into the groove on the body of the vacuum pool cleaner. Insert the top end of the segment into the detaining clip adjusted to the nosepiece. See picture 3.

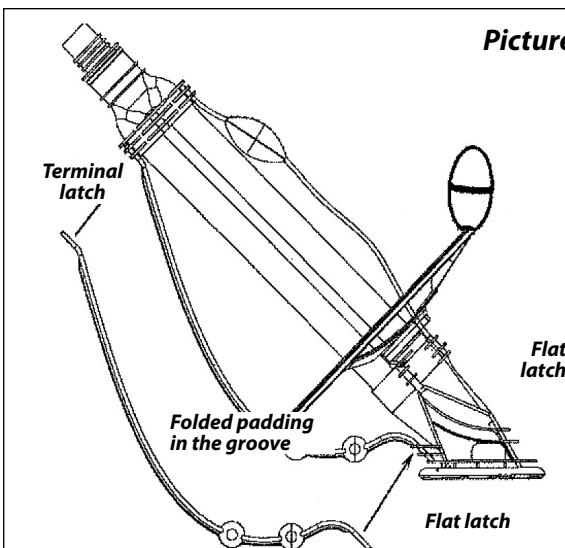
Picture 3



Step 2. Connect the immersion controller

Fix the immersion controller into the bottom adjusting sleeve of the U shape. Make sure that the protective detaining latch on both sides of the immersion controller are in the position „locking”. See picture 4.

Picture 4



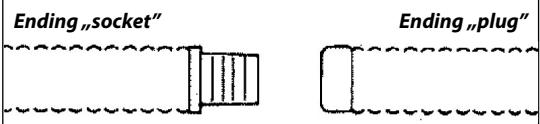
Step 3. Fasten the weights on the hose and fit it together.

The hose of the vacuum pool cleaner is delivered in components that must be assembled. You will need as many components to reach the furthest part of the pool from the point of the connection of the vacuum pool cleaner, plus one additional piece. You will also have to add the weights into the hose **for the reason that the hose is not floating on the water level**. The maximum weights required is assigned according to the maximum depth of the pool. The deeper the pool is, the more weights you will need. The number of weights suitable for your pool is explained in the Table.

TABLE

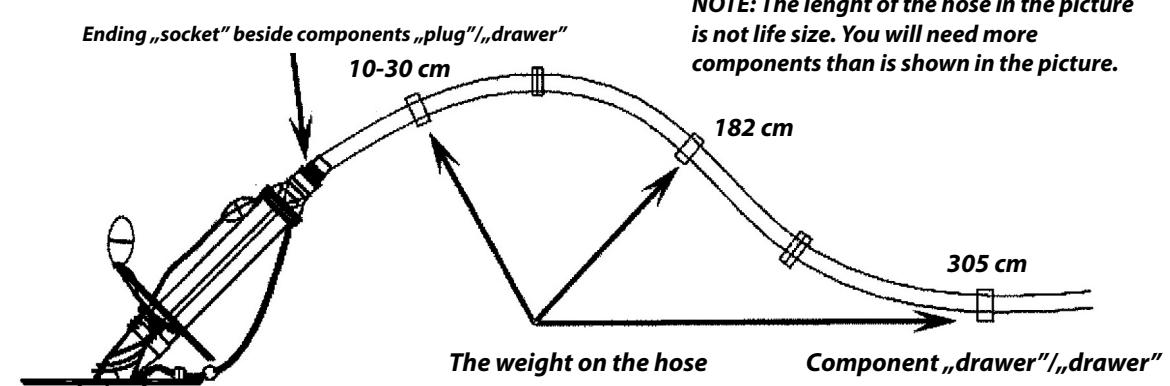
Depth of the pool	Setting of the weights
120 cm or less	1 weight: 10 to 30 cm from the nosepiece
More than 120 cm but less than 210 cm	2 weights: the first one 10 to 30 cm and the second one 182 cm from the nosepiece
more than 210 cm, but less than 365 cm	3 weights: the first one 10 to 30 cm, and the second one 182 cm and the third one 305 cm from the nosepiece
More than 365 cm	4 weights: the first 10 to 30 cm, the second 182 cm, the third 305 cm and the fourth 365 cm from the nosepiece

Wet slightly both ends in the pool and stick them together by turning. See picture 5. Repeat the process until you put together the amount of components required. When you stick the weight into the hose, according the instruction in the Table A, connect the hose to the vacuum pool cleaner. See picture 6.

Picture 5

One component has two „socket” endings and the hose protector. This component should be assembled last and should be installed to the vacuum pool cleaner connection.

Assembled vacuum pool cleaner should look like as follows:

Picture 6

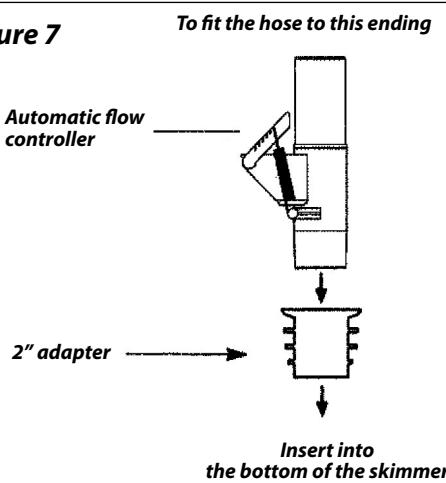
2. Installation

The vacuum pool cleaner is assessed for the use in many different kinds of pools, consequently it compounds a wide rank of different components (e.g. 2" adapter and the valve-cover for automatic flow controller). Your need of these components depend on concrete parameters of your pool.

This guide describes the standard installation to the skimmer and appropriate installation to the hypotonic pipeline. Read up both situations to find out the most suitable solution for your pool and follow the instructions.

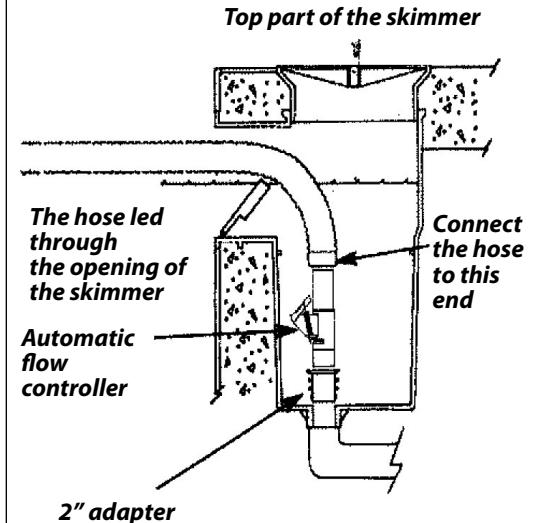
Standard installation

Pools with one skimmer through the use of automatic flow controller. The advantage of this installation is the automatic flow controller automatically balances the flow between the skimmer and the vacuum pool cleaner. We strongly recommend to use the automatic flow controller to ensure maximum safety and effort of the vacuum pool cleaner. The valve automatically reacts to the changes of the flow by which means ensures changes in the effort of the vacuum pool cleaner necessary for providing required detergent effect.

Picture 7

1. Turn the pool pump off.
2. Close the main plug and all other tap-hole pipes except the pipe from skimmer to which the vacuum pool cleaner will be fitted.
3. Pull the skimmer basket off.
4. Press the 2" adapter into the connector in the bottom part of the skimmer, see picture 8.
5. Press the automatic flow controller into the 2" adapter. The end of the controller indicating „Connect To the hose to this end” must point upwards.
6. Place the vacuum pool cleaner in the pool and leave it to go down. Insert the hose down until it contains water and no air.
7. Lace the end of the hose through the mouth of the skimmer and connect the hose directly to the automatic flow controller.

Picture 8



3. Settings

After completing the installationm activate the pool pump. Let the pump run for several minutes in order to to empty the air from the system. The vacuum pool cleaner should proceed the speed of 240-360 cm per minute. In this moment, check the following settings of the vacuum pool cleaner.

Lenght of the hose

IMPORTANT: While checking the lenght of the hose, the pump must be activated. When the pump is running, the hose is shortened, while the pump is switched off, the hose is getting longer. While the vacuum pool cleaner is running, place it the furthest possible from the connection point. (You can move the vacuum pool cleaner easily in the pool by means of the bar and the brush.) The hose of the vacuum pool cleaner should be sufficiently long to reach the end of the pool, plus one additional piece of the hose. If necessary, remove superfluous components from the middle part of the hose. By removing the components from the middle part of the hose, you avoid the necessity of removing weights. Store the extra components in case of possible exchange.

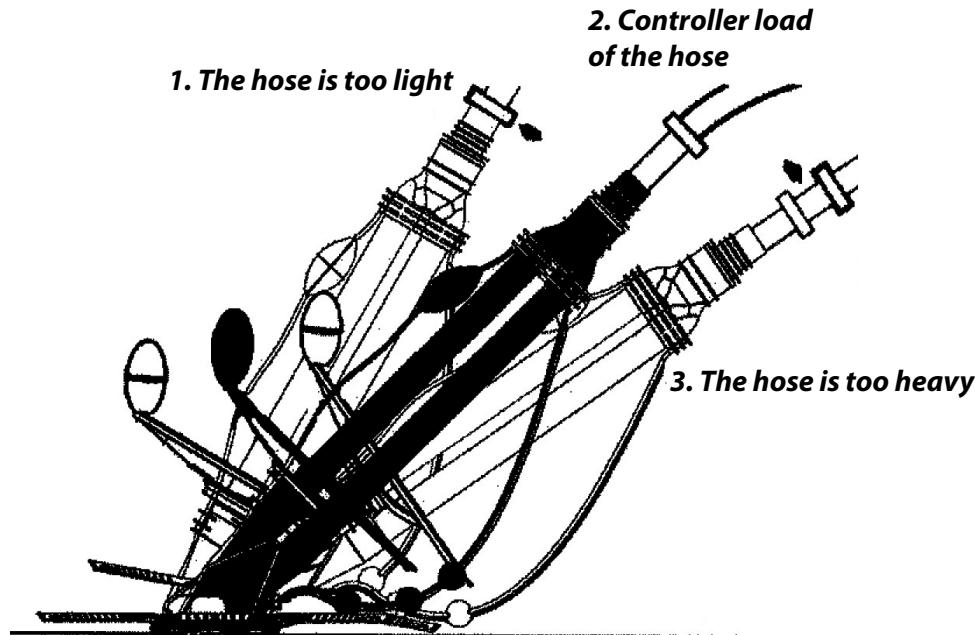
NOTE: While adding or removing the components of the hose, turn off the pump of the pool.

Adjustment of the hose

For the appropriate setting of the weight of the hose, **turn off the pump** and watch the vacuum pool cleaner. The load of the hose is correct at that time when the disc remains straight at the bottom of the pool and immersed pipes contain the angle of 45° with the floor, see picture 9. For the best way of cleaning, the hose must not be pulled nor lifted by the vacuum pool cleaner. Move the weight on the hose after one thumb, until you reach the correct load. In pools with a different depth, set firstly the hose in the deep part and then move it towards the shallow part.

- Check if the immersion mechanism moves loosely and if the immersed controller is installed. (See the page 2 – how to install the immersion controller.)
- Shorten the deflector by 1,27 cm (Pull up the top end of the deflector from the detent clamp connected to the nosepiece. Shorten it by 1,27 cm, then put it back into the detaining clamp.)

Picture 9



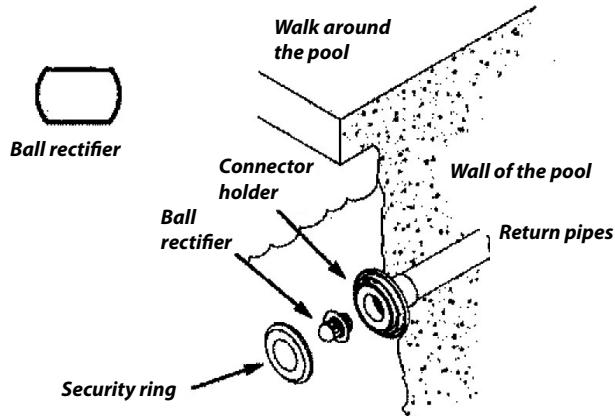
1. The hose is too light. If the hose goes up towards the surface at an angle bigger than 45°, move the weight closer to the vacuum pool cleaner or move the first two weights together closely.
2. The correct load of the hose.
3. The hose is too heavy. If the hose is dropping at an angle smaller than 45°, move the weight in the direction from the vacuum pool cleaner or move the first two weights further from each other.

IMPORTANT: Backwater may act under the pressure on the hose of the vacuum pool cleaner and thus influence its delivery. It may displace the vacuum pool cleaner from the end of the pool where the return pipe is placed, or may cause that the vacuum pool cleaner will remain only in one part of the pool. To avoid this, use the spherical rectifier belonging to your vacuum pool cleaner.

Installation:

- At first, make sure that **the pump of the pool is turned off.**
- Replace the original rectifier of the vacuum pool cleaner by the ball rectifier.
- Change the security ring and tighten it. Make sure that the opening of the ball rectifier is properly directed before the complete tightening. See “Locations of the ball rectifier”.

Picture 10



Locations of the ball rectifier

Direct the opening of the rectifier to the diversion of the water flow in the place where it won't restrain the vacuum pool cleaner operations. Try different positions in order to find out which one is the most suitable for your pool:

- The flow directed along the wall of the pool (along the direction of tiles).
- The current directing downwards.
- The current directing against the hose will help to displace the vacuum pool cleaner from such obstructions as steps and ladders.

After installing the ball rectifier, **turn on the pump**. The vacuum pool cleaner should start to move at the bottom of the pool and clean the dirt.

4. Removing the current defects

With regard to the individual features of your pool, there might be other settings necessary to operate your vacuum pool cleaner at the maximum.

In case that the problem occurs, make sure that:

Is the main drain of the pool turned off?	»»	Turn off the drain.
Is the filter clean?	»»	Clean the filter.
Is the basket sieve clean?	»»	Clean the basket sieve.
Did the dirt block the bottom part of the vacuum pool cleaner?	»»	Get rid off the dirt.
The hose does not seal?	»»	Change the component that doesn't seal.
Is the dirt in the automatic flow controller?	»»	Clean the valve.

If the vacuum pool cleaner doesn't move or change course:

- Make sure that the main drain and all other suction piping are shut – except the intake to whom the vacuum pool cleaner is connected.
- Check if there isn't any dirt in the filter or in the basket of the pump.

- Make sure there isn't any dirt in the safety valve of the vacuum pool cleaner. It should restrain the operation or the flow.
- The pump and the filtration system of the pool might be too small (not able to ensure the flow of 4,5m³/h) Consult the expert in pools.

If the vacuum pool cleaner remains at one part of the pool

- Check the backwater and divert it as necessary by the ball rectifier.
- Check that the hose is sufficiently long and reach the bottom of the pool.
- Check that the hose is properly loaded.

If the vacuum pool cleaner stops on the main drain

- Check that the main drain is shut. You might need a special help from an expert in pools.
- Make sure that the grill is installed on the main drain.
- If the main drain is not at the same levele as the bottom part of the pool, consult an expert in pools.

If the vacuum pool cleaner slows down or stops and there are air bubbles in return pipe

- Find and fix the air leak causing the deflection on pump's delivery.
- Check if the hose doesn't run out.
- Check the hypotonic connection. It should be immersed in order not to take any air in the system.
- Check if the cover of the pump's basket is not loose, cracked, worn or missing the O-rings. If you need help, consult an expert in pools.

If the vacuum pool cleaner draws air or remains on the surface

- Make sure that the immersion mechanism moves freely and that the immersion controller is installed. (See picture 4 – how to install the immersion controller.)
- Check if the automatic regulating valve is properly installed. Make sure it isn't blocked with the dirt.
- Make sure that the water level is at least 8 cm under the edge of the pool.
- Check if the vacuum pool cleaner moves in an appropriate speed 240-360 cm per minute.

If the vacuum pool cleaner remains by the stairs on the shallow end

- Check the backwater and divert it in required direction by the means of the ball rectifier.
- Check if the automatic regulating valve is properly installed. Make sure it isn't blocked with the dirt.
- Check if the hose is long enough to reach the furtest point of the pool including the stairs.
- Check if the hose has appropriate load for the shallow end of the pool.
- Check if the vacuum pool cleaner moves in an appropriate speed 240-360 cm per minute.

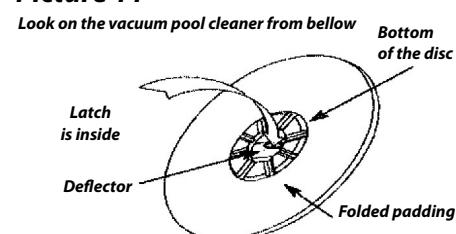
If the vacuum pool cleaner always comes back in the same place

- Check the swivel joint placed on the top part of the vacuum pool cleaner. It should revolve freely.
- Check the backwater and divert it as necessary by the ball rectifier.
- Check if the hose is not bent nor broken. A single bend or a break can disable the coverage of the cleaning surface. Lay up each component of the hose on the edge (or other level surface). The hose should remain perfectly straight and smooth. **If you pull the vacuum pool cleaner up from the pool, do not roll the hose up because of its recovery. It would remain bended or cranked.**

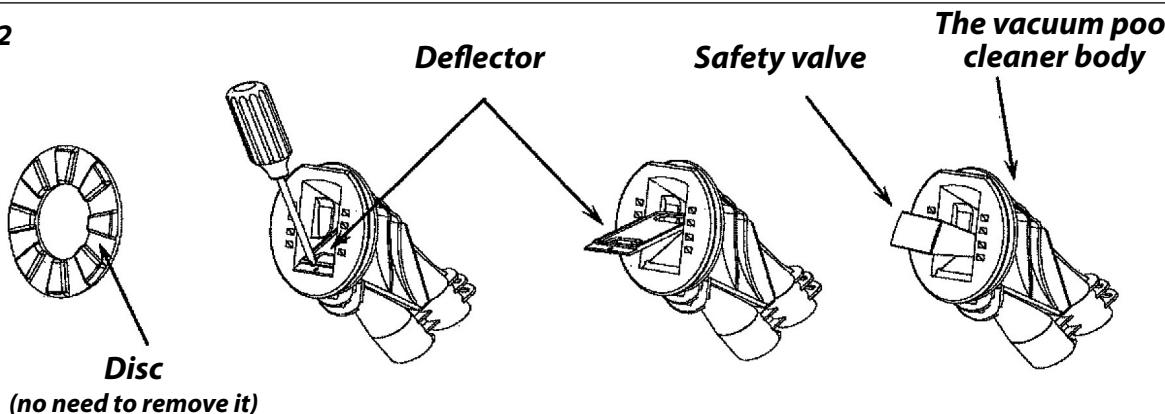
Removing the dirt from the safety valve

- It occurs that the dirt block the bottom part of the vacuum pool cleaner and stop moving the valve or reduce the flow. The valve is placed inside of the vacuum pool cleaner's body and must permanently move freely. You will see the valve through the opening of the deflector while turning the vacuum pool cleaner upside down, see the picture 11. Seize the valve and move it to and fro or rinse the opening by the help of the hose to remove all dirt from the inside of the vacuum pool cleaner's body.
- In case you fail to remove the dirt in this way, you will be obliged to undo the valve. Pull off four valves from the bottom part of the disc first, unscrew it and remove from the the vacuum pool cleaner body. Thanm remove the screw from deflector, pull it out and finally take out the safety valve. See picture 12.
- While the dirt has being removed, put the valve back into the vacuum pool cleaner body, fasten the deflector in its place and secure it. See picture 12.

Picture 11



Picture 12



Maintenance

The vacuum pool cleaner does not require almost any maintenance. Look over it time to time and make sure that:

- The safety valve moves freely and there is no dirt preventing this move.
- The disc is not too worn. If the disc is used after moving at the bottom of the pool, this is the right time to change it.

While storing the vacuum pool cleaner, do not roll up the hose. Leave it remaining straight on the sheltered place protected against the direct sun. When you disconnect the parts of the hose, try to leave the weight in place.

The vacuum pool cleaner hose is specially designed in order to ensure the optimal efficiency of the vacuum pool cleaner. In case you need to change it, use only original parts.

Denial of responsibility for your pool and vacuum pool cleaner

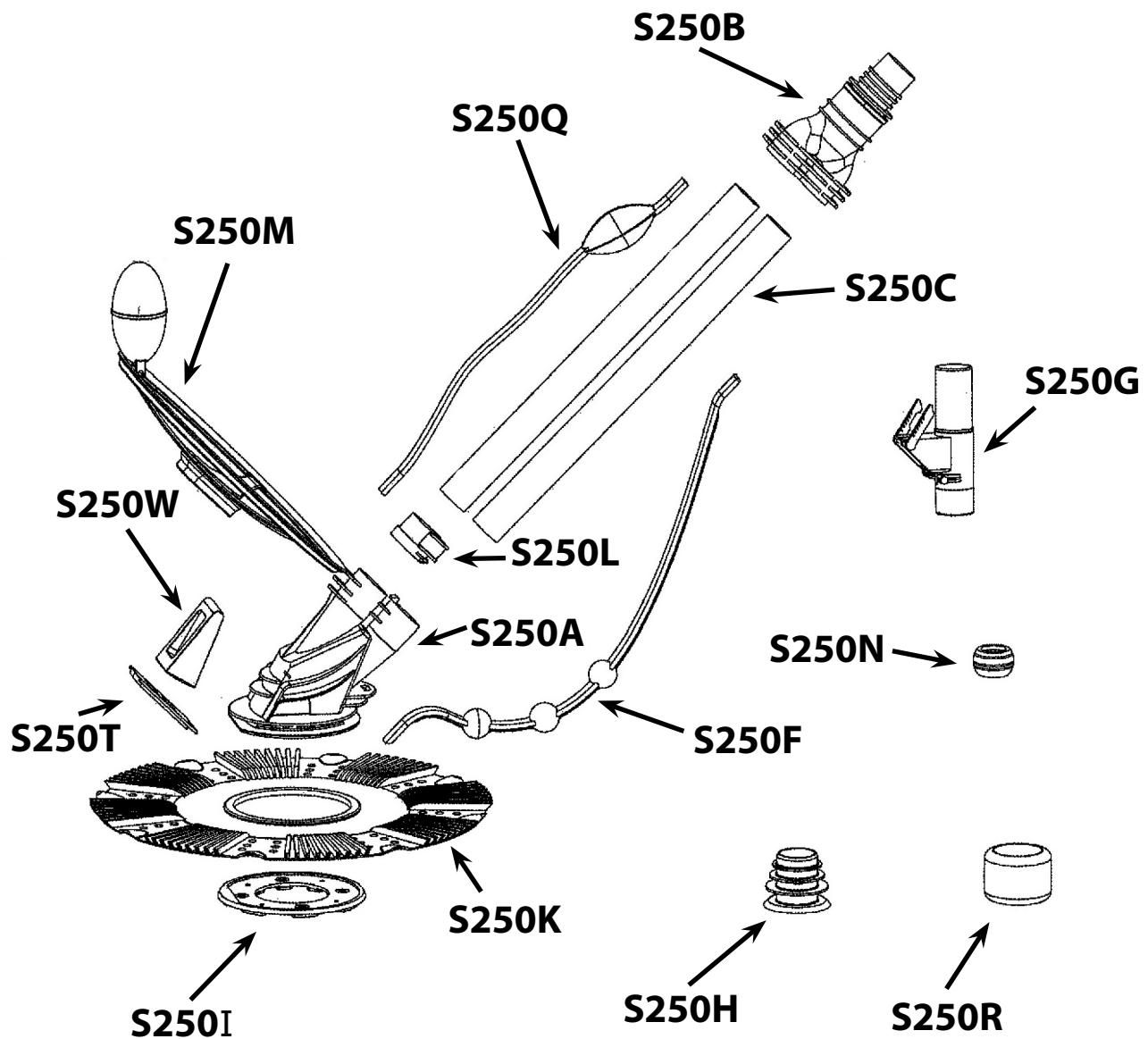
Your pool life is influenced by many factors. Automatic vacuum pool cleaner is a passive product that won't have any influence on the pool life.

Please be aware of damages, change of colours and peeling off the paint over time caused independently or combined with ageing, water texture imbalance, incorrect installation or other factors. Automatic vacuum pool cleaner will not remove nor cause wear-out of the solid pool tiling. In fact, the pool tiling will eventually cause the wear-out of the vacuum pool cleaner.

The same is valid for vinyl tiling for embedded pools because the vinyl surface is also influenced by its surroundings and factors (chemistry of water, insulation and construction supporting walls quality and the pool bases. All these factors may contribute to the damage of the pool surface. In case, this situation occurs, please, bear in mind that it isn't caused by the vacuum pool cleaner. The producer refuses all responsibility for reparation or exchange for every from the pool components of the customer.

The pool owner must assume the responsibility for the condition and maintenance of the pool surface, water and edges of the pool.

List of components:



**Conditions of guarantee**

Conditions of guarantee abide by the trading and guarantee conditions of your supplier.

Secure disposal of the product after the lifetime expiry

After the lifetime expiry, ensure its ecologic disposal by a skilled company

Complaints and customer service

Complaints abide appropriate consumer protection rights. In the event of unrecoverable effect address the written complaint to your supplier.

Date.....

Supplier